

SIEMENS

POWERMOBIL/ ARCOSKOP

SP

Installation and Setting Instructions

Installing the video printer

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Register 3

Print No.: SPR2-240.814.02.01.02

Replaces: n.a.

English

Doc. Gen. Date: 12.99

General

Safety notice

CAUTION

When performing service work and tests, adhere to the product-specific safety information contained in the documents, as well as the general safety information contained in the ARTD, part 2.

Tests and adjustments performed with radiation on are identified with the radiation warning symbol ☢ . During these types of adjustments, radiation protection must be worn.

Protective conductor test

After completion of all service work and tests and reattaching all covers, perform the protective conductor test according to ARTD-002.731.17....

The protective conductor resistance must not exceed 0.2 ohms.

Additional notice

These instructions apply to retrofitting a video printer on a POWERMOBIL or ARCOSKOP.

Parts required

- Retrofit kit for installing video printer 31 00 497 G5437

Measurement and auxiliary tools required

- Service PC
- Service software
- Connection cable (from service PC to host) 99 00 440 RE999
- Protective conductor meter 44 15 899 RV 090

Tools required

- Tool kit (refer to ARTD / part 3)
- 1 set of Allen keys

CAUTION

Disconnect the POWERMOBIL respectively ARCOSKOP from the mains power prior to beginning this procedure.

If the MS2000 multiformat camera is connected

Power cable

Videoprinter with 100 VAC line voltage:

Connect the line wires to transformer T1, connector TI - 34 and TI - 36.

Connect the protective conductor to the protective conductor terminal stripe (ye/gn).

Videoprinter with 120 VAC line voltage:

Connect the line wires to transformer T1, connector TI - 35 and TI - 36.

Connect the protective conductor to the protective conductor terminal stripe (ye/gn).

Videoprinter with 230 VAC line voltage:

- Connect the line wires of the video printer at terminals X2.1 and X2.2.
- Connect the protective conductor at the corresponding location (yellow/green).
- Route the line wires to the video printer compartment.

Hardcopy exposure control cable

- Route the end of the cable with the 3.5 mm jack plug to the video printer compartment.

Video cable

- Disconnect the 75 ohm termination from the video output of the multiformat camera.
- Connect the video cable to the multiformat camera and route it to the video printer compartment.
- Connect the video printer. Ensure the proper termination of the video cable (75 ohm).

Function test

- Call up a fluoroscopic image on monitor B.
- Release an exposure at the operating panel of the basic system and at the monitor trolley keyboard.

⇒ The video printer should print an image in both cases.

If a multiformat camera MS 2000 is not connected**Power cable****Videoprinter with 100 VAC line voltage:**

Connect the line wires to transformer T1, connector TI - 34 and TI - 36.

Connect the protective conductor to the protective conductor terminal stripe (ye/gn).

Videoprinter with 120 VAC line voltage:

Connect the line wires to transformer T1, connector TI - 35 and TI - 36.

Connect the protective conductor to the protective conductor terminal stripe (ye/gn).

Videoprinter with 230 VAC line voltage:

- Connect the line wires of the video printer at terminals X2.1 and X2.2.
- Connect the protective conductor at the corresponding location (yellow/green).
- Route the line wires to the video printer compartment.

Hardcopy exposure control cable

- Connect the control cable included with the shipment at the Memoskop "Printer" connector.
- Route the end of the cable with the 3.5 mm jack plug to the video printer compartment.

Video cable

- Connect the video cable at the Memoskop "Out3" connector.
- Route the video cable to the video printer compartment.
- Connect the video printer. Ensure the proper termination of the video cable (75 ohm).

Programming

- Switch on the system.
- Press [CTRL] and [U] simultaneously on the Memoskop keyboard.
 - ⇒ This calls the "User Setup menu" for Memoskop.
- Call up the "C Hardcopy release" sub-menu and configure it to monitor B.
- If the system is equipped with an area dose measurement device (Diamentor), call up the "K Dose at Documentation output" sub-menu and configure to "yes".
- End the "User menu".
- Switch the POWERPHOS/ ARCOSKOP off and on again to activate the new configuration.

Function test

- Call up a fluoroscopic image on monitor B.
- Release an exposure at the operating panel of the basic system and at the monitor trolley keyboard.
 - ⇒ The video printer should print an image in both cases.

Final steps

- Switch off the POWERMOBIL respectively ARCOSKOP.
- Test the protective conductor using the protective conductor meter 44 15 899 RV 090. Refer to ARTD-002.731.17...

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